

# Scottish House Builders H & S Forum

November 2013

Graeme McMinn  
T/Principal Inspector

# Gas Safety

68 RIDDOR Reports in last 2 years for unsafe gas installation caused by construction activity:-

Flues dislodged by scaffold erection and dismantling

Flues dislodged by external cladding workers

Flue terminals blocked by rough cast/mortar

Flue terminals sealed over during rough casting

Flues not sealed at external wall after being extended

Leading to products of combustion entering a property and risk of death from Carbon Monoxide poisoning

# Gas Safety



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Pre start meeting clients should proactively ask contractor how gas flue integrity will be maintained.

Clients should assist with access into properties to allow flues to be extended

Contractor must have robust system in place to ensure flue extension work and cladding work are co-ordinated.

Gas safety should be a dedicated risk assessment/method statement

Site inductions should cover subject in depth – language issues!

Do cladding/roughcasters realise consequence of moving flue?

Flues should be sealed/fixed at external wall immediately after extending

The external cladding, roughcast and rendering work should be supervised

Flue terminals must be protected during casting but not sealed over

# HSE Construction Scotland

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Team – John Shelton, Gerry Muir, Annette Leppla, Moira Jennings &  
Graham Mitchell

Isabelle Martin          T/Principal Inspector East – Edinburgh Office  
Team – Mike Orr, Richie McCrae, Kerry Elliot & Graeme Johnstone

North East & Highlands

Liz Standen Aberdeen and Peter Black Inverness reporting to Niall Miller PI

# Inspection Initiative Sept 2013

4 weeks proactive inspection across UK

Targeting refurbishment sites, small sites and Matters of Evident Concern

F10 lists for Geographic areas as starting point.

Looking at welfare, working at height, asbestos, good order, structural stability and health issues.

# Inspection Initiative Sept 2013

## Figures for Scotland

Total number of sites inspected	268	
Total number of contractors inspected	348	
Sites that received a Notice	72	27%
Prohibition Notices	55	
Improvement Notices	32	
Sites where a material breach identified	124	46%

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# 2012/2013 Statistics – All fatalities

Country	Government office region within England	Number		Rate (per 100 000)	
		2012/13p	5yr average <sup>2</sup> and (2011/12)	2012/13p	5yr average <sup>2</sup> and (2011/12)
England		118	143 (130)	0.46	0.57 (0.52)
	North East	2	6 (5)	0.17	0.50 (0.44)
	North West	15	23 (25)	0.46	0.71 (0.77)
	Yorkshire	15	20 (14)	0.60	0.80 (0.57)
	East Midlands	7	13 (7)	0.33	0.62 (0.34)
	West Midlands	14	15 (19)	0.57	0.62 (0.78)
	East	16	16 (19)	0.59	0.59 (0.70)
	London	13	16 (8)	0.29	0.37 (0.18)
	South East	22	16 (17)	0.53	0.40 (0.41)
	South West	12	18 (15)	0.45	0.68 (0.57)
Wales		8	12 (19)	0.61	0.92 (1.44)
Scotland		22	22 (19)	0.86	0.86 (0.74)
Great Britain		148	181 (171)	0.50	0.62 (0.58)

# 2012/2013 Statistics – CD fatalities

Kind of accident	Employees	Self Employed	Total
	Construction	Construction	Construction
Contact with moving machinery	2	-	2
Struck by moving, including flying/falling, object	1	-	1
Struck by moving vehicle	4	-	4
Strike against something fixed or stationary	-	-	-
Injured while handling, lifting or carrying	1	-	1
Slips, trips or falls on same level	-	-	-
Falls from a height	13	10	23
Trapped by something collapsing/overturning	2	-	2
Drowning or asphyxiation	-	1	1
Exposure to, or contact with, a harmful substance	-	-	-
Exposure to fire	-	-	-
Exposure to an explosion	-	-	-
Contact with electricity or electrical discharge	1	1	2
Injured by an animal	-	-	-
Acts of violence	-	-	-
Total	27	12	39

# 2012/2013 Statistics – CD totals

	Employees								Self-employed			
	Fatal	Major Injury	Over-7-day	Total	Fatal per 100 000	Non-fatal major injury per 100 000	Over-7-day injury rate per 100 000	All injuries per 100 000 employees	Fatal	Major injuries	Over-7-day	Total
Construction totals	27	1 913	3 133	5 073	2.2	156.0	255.4	413.6	12	583	480	1 075
Construction of buildings	15	873	1 196	2 084	3.3	189.6	259.7	452.5	6	377	334	717
Civil engineering	2	244	445	691	0.8	98.8	180.2	279.8	-	45	36	81
Specialised construction activities	10	796	1 492	2 298	1.9	153.3	287.4	442.7	6	161	110	277

# 2012/2013 Statistics – CD Enforcement

Construction		Cases for which legal proceedings have been instituted	Convictions	Average fine per conviction (£)
Construction	08/09	214	193	£17 819
	09/10	185	170	£16 422
	10/11	218	201	£16 573
	11/12	241	220	£26 350
	12/13p	223	212	£17 268

# 2012/2013 Statistics – CD Enforcement

		Improvement	Deferred prohibition	Immediate prohibition	Total Notices
Construction	08/09	646	11	1 833	2 490
	09/10	939	6	2 506	3 451
	10/11	1 291	8	2 583	3 882
	11/12	1 021	9	2 286	3 316
	12/13p	800	4	1 819	2 623

# 2012/2013 Statistics – Enforcement

Scotland	2008/09	2009/10	2010/11	2011/12	2012/13p
<b>Prosecutions</b>					
Number of cases for which legal proceedings have been instituted	80	35	33	33	23
Number of cases resulting in conviction for at least one offence	66	34	33	32	21
Number of offences for which legal proceedings have been instituted	108	47	34	40	27
Number of offences resulting in a conviction	78	45	34	36	25
Total fines (£)	2 997 633	478 050	1 803 550	2 083 740	448 670
Average fine per conviction at an offence level (£)	38 431	10 623	53 046	57 882	17 947
<b>Enforcement Notices</b>					
Improvement	318	398	617	482	508
Deferred Prohibition	2	3	3	1	1
Immediate Prohibition	305	422	427	372	304
Total	625	823	1 047	855	813

**Statistics can be found at**

<http://www.hse.gov.uk/statistics/index.htm>

# Recent News

Revised guidance for employing young people (Under 18)

<http://www.hse.gov.uk/youngpeople/>

RIDDOR 2013 – changes to clarify and simplify reporting

- Classification of major injuries replaced with shorter list of specified injuries
- Schedule of 47 industrial diseases replaced with 8 categories of reportable work related illness
- Fewer types of Dangerous Occurrences

<http://www.hse.gov.uk/riddor/>

First Aid Regulations amended to remove the requirement for HSE to approve training and qualifications.

<http://www.hse.gov.uk/firstaid/changes-first-aid-regulations.htm>

# What's New

Successful health and safety management HSG65 is changing from POPMAR (Policy, Organising, Planning, Measuring performance, Auditing & Review) model to Plan, Do, Check, Act approach.

<http://www.hse.gov.uk/managing/index.htm>

PASMA Tower Week 11/11/13 to 15/11/13.

<http://towerweek.pasma.org.uk/>

HSE Board paper on HSE Regulation of Construction Industry

<http://www.hse.gov.uk/aboutus/meetings/hseboard/2013/250913/psepb1387.pdf?ebul=gd-cons/oct13&cr=10>

CDM Consultation ???????

<http://www.hse.gov.uk/consult/live.htm>

# The End



Any questions?

Or

LUNCH

